PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISH	HED 1	JNDER THE PATENT COOPERATION TREATY (PCT)
(51) International Patent Classification 7:		(11) International Publication Number: WO 00/09444
C01B 33/32, B01J 6/00	A1	(43) International Publication Date: 24 February 2000 (24.02.00)
(21) International Application Number: PCT/KR98/00462 (22) International Filing Date: 24 December 1998 (24.12.98)		Yeoksam-dong, Kangnam-ku, Seoul 135-792 (KR).
(30) Priority Data: 1998/32993 14 August 1998 (14.08.98)	K	(81) Designated States: CN, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
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(54) Title: AN IMPROVED METHOD FOR MANUFACTURING CRYSTALLINE LAYERED SODIUM DISILICATE

(57) Abstract

The present invention relates to an improved method for manufacturing a crystalline layered sodium disilicate and more particularly, to the improved method for manufacturing the crystalline layered sodium disilicate comprising the steps including the preparation of granules in a certain ratio of anhydrous sodium silicate cullet, a starting material, in the presence of some binders such as water and an aqueous solution of sodium siliate, followed by a crystallization step of the granules, thus ensuring that a small amount of final product is recycled to the prior crystallization step in order to prevent the attachment of granules to an inner crystallization device, which occurs due to local sintering in a high-temperature crystallization condition of continual process and also to further enhance the unit productivity during the mass production of crystalline layered sodium disilicate.